What is claimed is

1. A one-way clutch comprising:

an inner race;

an outer race;

a plurality of engaging members disposed between the inner and outer races;

retainers for retaining the engaging members;

springs for urging the engaging members in one direction; and

a pair of end bearings which are respectively disposed on opposite sides between the inner race and the outer race, each of the end bearings having a U-shaped cross section and including,

a first hollow cylindrical portion fitted to an outer peripheral surface of the inner race,

a second hollow cylindrical portion fitted to an inner peripheral surface of said outer race,

an annular portion connecting the first hollow cylindrical portion to second hollow cylindrical portion, and

a plurality of recessed portions formed at least in the inner peripheral surface of the first hollow cylindrical portion of each of the end bearings.

2. The one-way clutch according to claim 1, wherein

the recessed portions are a plurality of dimple-like dents.

3. The one-way clutch according to claim 1, wherein the recessed portions are axial grooves formed by press forming.

4. The one-way clutch according to claim 1, wherein the recessed portions are axial grooves formed by press forming and a circumferential groove formed by press forming so as to intersect the axial grooves.

5. A one-way clutch comprising:

an inner race;

an outer race;

a plurality of engaging members disposed between the inner and outer races;

retainers for retaining the engaging members;

springs for urging the engaging members in one direction; and

a pair of end bearings which are respectively disposed on opposite sides between the inner race and the outer race, each of the end bearings having a U-shaped cross section and including,

a first hollow cylindrical portion fitted to

an outer peripheral surface of the inner race,

a second hollow cylindrical portion fitted to an inner peripheral surface of said outer race,

an annular portion connecting the first hollow cylindrical portion to second hollow cylindrical portion, and

a plurality of projections formed at least on the inner peripheral surface of the first hollow cylindrical portion of each of said end bearings.

6. A one-way clutch including:

an inner race;

an outer race;

a plurality of engaging members disposed between the inner and outer races;

retainers for retaining the engaging members;

springs for urging the engaging members in one direction; and

a pair of end bearings which are respectively disposed on opposite sides between the inner race and the outer race, each of the end bearings having a U-shaped cross section and including,

a first hollow cylindrical portion fitted to an outer peripheral surface of the inner race,

a second hollow cylindrical portion fitted to

an inner peripheral surface of said outer race,

an annular portion connecting the first hollow cylindrical portion to second hollow cylindrical portion, and

axial grooves which extend through to opposite ends of the first hollow cylindrical portion and are formed at a plurality of circumferential positions at least in an inner peripheral of the first hollow cylindrical portion of each of the end bearings, each of the axial grooves having a circular-arc-shaped cross section in which its radial depth becomes larger toward a central portion of the axial groove.

7. The one-way clutch according to claim 6, wherein a circumferential groove having a predetermined axial width and a bottom surface which includes portions of the axial grooves where the radial depth becomes maximum is formed in the inner peripheral surface of the first hollow cylindrical portion of each of the end bearings.